

What Is Claimed Is:

- 1 Sub A7
2 DI
- 1 1. A method for determining a level of antioxidant in a liquid
2 sample comprising the steps of:
3 contacting the sample with an aqueous solution of elemental iodine
4 and an iodophor to form a mixture; and
5 measuring a change in a concentration of iodide ions in the mixture
6 wherein the change corresponds to the level of antioxidant.
- 1 2. The method of Claim 1, wherein the iodophor is
2 polyvinylpyrrolidone.
- 1 3. The method of Claim 1, wherein the step of measuring
2 measures an increase in the concentration of iodide ions by means of an ion
3 selective electrode.

1 *Sub A2* 4. A method for determining a level of antioxidant in an
2 aqueous liquid sample comprising the steps of:

3 contacting the sample with an aqueous solution of elemental iodine
4 and polyvinylpyrrolidone to form a mixture; and
5 measuring an increase in a concentration of iodide ions in the
6 mixture by means of an iodide selective electrode wherein
7 the increase corresponds to the level of antioxidant.

1 5. A method for determining a level of antioxidant in an sample
2 comprising the steps of:

3 contacting the sample with a solution of elemental iodine; and
4 measuring a change in a concentration of iodide ions, wherein the
5 change corresponds to the level of antioxidant.